

ABSTRACT OF THE DISCLOSURE

~~The invention relates to a~~ A spot welding gun (1) for resistance welding of workpieces (1a), ~~comprising~~ includes a base body (2) and a bracket (3), in which ~~the~~ electrode holders (6) are arranged, the electrodes (7) being in turn arranged in ~~said~~ the holders. ~~At, wherein at~~ least one electrode holder (6) is fixed to an ~~actuation means~~ (5) actuator that ~~makes it possible for~~ enables the electrode holder (6) fixed thereto with the electrode (7) to be displaced in longitudinal direction towards other electrodes (7). ~~In order to~~ To protect the electrodes (7), a winding device (9) with a band (8) is arranged, ~~said the~~ the band (8) being displaceably arranged between the contact surface of the electrode (7) and the workpiece (1a) opposite the electrode (7). The winding device (9) assigned to the displaceable electrode (7) is connected to the displaceable electrode (7) ~~in such a way~~ so that it moves at the same time as the electrode (7) when the ~~latter~~ electrode is moved in longitudinal direction. ~~In order to provide a spot welding gun in which accessibility is not substantially impaired, the~~ The electrode holders (6) and the electrodes (7) have devices for guiding the band (8) from the winding device (9) axially along the electrode holders (6) towards the electrode (7) and ~~then again axially along the electrode holder (6) and back towards the winding device~~ vice versa.